

From Sean Downey, Representative for Hilltop Public Solutions, Support contractor for National Grid:

RE: Placement of natural gas pipelines in power line right of ways.

Who currently owns the easement through Windham?

The original easement was granted by Fred and Faith Smalley and Sherman and Ildie Hobbs, 10, 1929, to Grafton Power Company (Easement is recorded with the Rockingham County Registry of Deeds in Book 851, Page 428). Grafton Power Company changed their name to Connecticut River Power Company in 1932 (Recorded with said Registry in Book 898, Page 274). Connecticut River Power Company conveyed its easement rights to New England Power Company in 1955 (Recorded with said Registry in Book 1343, Page 6). New England Power Company is the current owner of the right of way located on Mr. Shannon's property.

During outreach for their project, Kinder Morgan has talked about co-locating alongside the existing power lines. They have talked about taking new easements from landowners and placing the pipeline in their land that parallels the power line. What they stated at the special Board of Selectmen meeting was that if they have a situation which presents a problem with homeowner or landowner in those cases they could mitigate the problem by moving the pipeline into the edge of the ROW for short lengths, i.e. a quarter mile or so per occurrence. Is this in fact true?

There is the possibility that Kinder Morgan could locate its facilities within the bounds of the transmission line right-of-way. As most of the rights for the transmission line right-of-way are easements, Kinder Morgan would need to work with and obtain rights from both the underlying landowner and National Grid to locate their pipeline facilities in the existing corridor. National Grid will conduct its standard Property Transaction Review process for all rights required by Kinder Morgan (i.e. temporary construction or permanent) on its existing transmission line right-of-way. This process ensures that proposed third party facilities or activities within National Grid's right-of-way can be installed and operated safely and will not impact the National Grid's existing or potential future use of its right-of-way. If National Grid determines that there would be no adverse impact to its existing or proposed use of the transmission line right-of-way and that construction and maintenance of the pipeline could be done in a safe manner (in addition to any other potential National Grid requirements that Kinder Morgan would need to satisfy) then National Grid would allow Kinder Morgan to install the pipeline in its transmission line ROW provided Kinder Morgan also acquires any necessary rights from the underlying landowners.

Question on whether EMF can cause damage to a pipeline. Are National Grid and or Kinder Morgan designing their projects with the other in mind?

Please note, this response is from National Grid subject matter experts based on their expertise.

Yes, the interaction of pipeline facilities and electromagnetic fields from transmission lines is well understood. Pipelines are designed to account for induced current and ground fault conditions that may occur within or along electric transmission rights of way. Transmission pipelines used to transport natural gas from supply areas to distribution/market centers are made of thick carbon steel and have a special coating to protect against corrosion. Transmission pipelines are protected by an electrical shield called cathodic protection. Cathodic protection is achieved by applying a current to the pipeline to counteract the potential for corrosion.